

66330-209

7-27-2006

James

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7504P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
 66330-209

Date of Issuance:
 JUL 27 2006

NOTICE OF PESTICIDE:
 Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance: **Conditional**

Name of Pesticide Product:
CAPTAN 80W

Name and Address of Registrant (include ZIP Code):

Arysta LifeScience North America Corporation
 15401 Western parkway, Suite 150
 Cary, NC 27513

Attention: Bill Washburn

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4.
2. You must submit the following data listed directly below, by 12/31/06.
 One year GLP storage stability (GLN830.6317) and corrosion characteristics (GLN 830.6320)
3. You must submit two copies of a final printed label within 45 days from the date of this notice which makes the following changes:
 - A. Change the EPA Reg. No. from 66330-ENO to 66330-209.
 - B. Increase the type size of the Signal Word "WARNING" as per the EPA Label Review Manual.

Signature of Approving Official:

Tony Kish

Tony Kish
 Product Manager, Team 22
 Fungicide Branch
 Registration Division (7504P)

Date:

JUL 27 2006

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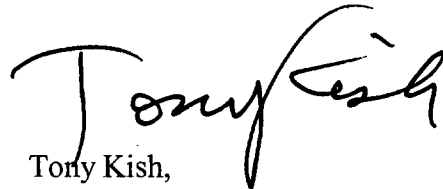
EPA Reg. No. 66330-209

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted with comments" is enclosed for your records.

Sincerely,

A handwritten signature in black ink that reads "Tony Kish". The signature is written in a cursive style with a large, prominent "T" and "K".

Tony Kish,
Product Manager, Team 22,
Fungicide Branch
Registration Division (7504P)

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CAPTAN 80W

A Fungicide For Plant Disease Control

Captan 80W is a microfine wettable powder for use in water as a spray for the control of certain fungus diseases of fruit and ornamental crops, and as a soil treatment for the control of certain seed rots and damping-off diseases.

ACTIVE INGREDIENTS:

*Captan	78.3%
Related Derivatives	1.8%

INERT INGREDIENTS:	19.9%
TOTAL	100.0%

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID	
IF IN EYES:	Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR 24- HOUR EMERGENCY MEDICAL ASSISTANCE CALL: 1-866-303-6952 FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300	

EPA REG. NO. 66330-ENO
EPA EST. NO. 51036-GA-1
AD xxxxxx
NET CONTENTS:

Manufactured For:
Arysta LifeScience North America Corporation
15401 Weston Parkway, Suite 150
Cary, NC 27513

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

JUL 27 2006

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.**

66330-209

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PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals

WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear, long sleeve shirt and long pants, socks and shoes. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers (including handlers participating transplanting as part of root dip treatments or greenhouse-soil treatments must wear:

Long-sleeved shirt and long pants,

Shoes plus socks,

Chemical resistant gloves made of any waterproof material (except for flaggers, pilots, and applicators driving motorized equipment),

Chemical resistant apron when participating in dip treatments,

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources.

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DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry intervals.

The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of:

24 hours for strawberries, almonds, apples, apricots, cherries, nectarines, plums/ fresh prunes, peaches.

48 hours for soil treatments and root dips: for soil and Greenhouse bench treatments and root dips, once the treatment and any seedling or transplanting tasks done as part of the treatment are complete, the 48 hour REI begins. Exception: Once the seeds or transplants are planted in the soil, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with the soil subsurface.

48 hours for sod farms.

72 hours for blueberries, grapes, raspberries, blackberries and dewberries.

96 hours for ornamentals. Exception: For the last 48 hours of the REI, workers may enter the treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plant, soil and water, without time limit, if they wear the early-entry PPE listed below

Eye Protection: To mitigate eye irritation concerns from post-application exposures, the Agency is requiring that, for at least seven days following the application of captan: at least one container designed specifically for flushing eyes is available in operating condition at the WPS-required decontamination site for workers entering the area treated with captan, and

workers are informed orally, in a manner they can understand:

- that residues in the treated area may be highly irritating to their eyes,
- that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,
- that if they do get residues in their eyes, they should immediately flush their eyes with the eyeflush container that is located at the decontamination site, and
- how to operate the eyeflush container.

PPE required for early entry to treated areas that is permitted under the Worker Protection

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Standard and that involves contact with anything that has been treated such as plants, soil, or water, is:

1. Coveralls
2. Chemical resistant gloves made of any waterproof material
3. Shoes plus socks
4. Protective eyewear

Notification: Notify workers of the application by warning them orally or by posting warning signs at entrances to treated areas.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Read all precautions and directions for use before using. Use only for claims listed and only as specified on this label.

In order that pesticide residues on food and forage crops will not exceed federal tolerances, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to adjoining food, fiber, or pasture crops. Drift of Captan 80W onto sensitive crops (e.g. D'Anjou pears) can cause severe phytotoxicity and crop loss. Consult State Agricultural Experiment stations or State Agricultural Extension service for additional information, as the time of applications needed will vary with the local conditions.

COMPATIBILITY AND PLANT SAFETY

Captan 80W can be combined safely and effectively at recommended dosage rates with most commonly used fungicides and insecticides, with the exception of oil and strongly alkaline materials.

Alkaline materials such as spray lime, lime-sulfur and bordeaux mixture will reduce the fungicidal activity of Captan 80W. Do not apply Captan 80W in combination with or immediately before or closely following oil sprays. Do not allow oil sprays on adjacent crops to drift onto crops which have been or will shortly be treated with Captan 80W. The time factor governing the safe interval between Captan 80W and oil sprays varies due to general climatic conditions, therefore, consult local agricultural spray programs and authorities to determine the proper timing. The use of spreaders which cause excessive wetting is not advised.

Combinations with solvent formulations of organic phosphates should not be used. Combinations of Captan 80W and sulfur should not be used on crops sensitive to sulfur. Used at high rates or in drenching sprays, Captan 80W may cause a necrotic spotting of tender, immature leaves of certain varieties of apples, peaches, plums and cherries. This type of injury is most likely to occur in the early cover sprays during long periods of warm, cloudy, humid weather. To avoid the hazard of leaf spotting under such conditions, use Captan 80W and other spray materials at lowest recommended rates and avoid drenching trees.

APPLICATION INFORMATION FOR THIS FORMULATION

Do not apply with aerial or chemigation equipment. Do not apply this product through any type

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of irrigation system.

Applications can be made by ground power equipment (including concentrate and semi-concentrate equipment). Pour recommended amount of this material into nearly filled spray tank. Add balance of water. Maintain agitation during filling and spraying operations. Do not allow mixture to stand. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven them to be physically compatible and safe to plants. (Read compatibility and plant safety information). For concentrate spray applications, apply the same amount of Captan 80W per acre as would normally be applied for dilute spray applications. Apply concentrate sprays in sufficient water for coverage.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE STORAGE: Keep pesticide in original container. Keep container tightly closed when not in use. Protect from excessive heat. Store in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Do not reuse container. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL USE PRECAUTIONS

Do not apply this product to seeds.

Except as specified begin applications before or at first sign of disease and repeat as needed to maintain control but observe use limitations. Unless otherwise specified, application can be made on the day of harvest. Maximum application is for a crop cycle. Crop cycle is defined as prebloom through postharvest. Apply the high rate and/or spray at shorter intervals when climatic conditions most favors disease(s). Apply the low rate and/or spray at longer intervals when climatic conditions least favors disease(s). If you are unaware of the climatic conditions favorable for disease(s) claimed for the specific use sites, you must consult with your State Agricultural Extension Service to learn of these conditions.

IMPORTANT: Read label carefully. Although most of the directions on this label may be followed nationwide, a few are limited to either the eastern or western U.S. Follow those directions for your growing area where specified.

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FRUIT AND NUT CROPS

ALMONDS:

Brown rot twig and blossom blight, shothole, scab, leaf blight - Apply 2 1/2 to 5 2/3 lbs. Captan 80W per acre in 20 to 300 gallons of water using ground equipment. Use 3 3/4 to 5 2/3 lbs. per acre when Captan 80W is used alone. Use 2 1/2 to 3 3/4 lbs. per acre in tank mixtures with fungicides having a similar spectrum. Apply at popcorn, bloom, petal fall, post petal fall, and full cover sprays. Do not apply within 30 days of harvest. Hulls may be fed to livestock. Do not apply more than 25 lbs. per acre per crop cycle. (See General Use Precautions section for definition of crop cycle.)

APPLES (Eastern U.S.):

Primary scab, black rot (frog-eye), botrytis blossom-end rot - Apply 5 lbs. Captan 80W per acre in 20 to 400 gallons of water using ground equipment. Apply at 5 to 7 day intervals as needed to maintain control in prebloom, bloom, petal fall and first cover sprays.

Secondary scab, Brooks fruit spot, sooty blotch, fly speck, black rot, black pox, botryosphaeria rot, bitter rot - Apply 2 1/2 to 5 lbs. Captan 80W per acre in 20 to 400 gallons of water using ground equipment. Apply at 10 to 14 day intervals in second and later cover sprays. Do not apply more than 40 lbs. of Captan 80W per acre per crop cycle. May be applied up to day of harvest.

Powdery mildew - if powdery mildew is a problem add 6 to 12 lbs. sulfur per acre to all post-bloom sprays until foliage matures.

NOTE - Do not use Captan 80W in combination with or closely following or in alternation with wettable sulfur products on sulfur sensitive varieties of apples such as Red Delicious, Staymen, Baldwin, King, etc. as severe injury and defoliation may occur.

APPLES (Western U.S.):

Primary scab - Apply 2 1/2 to 5 lbs. Captan 80W per acre in 20 to 400 gallons of water per acre using ground equipment. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, the lower rate maybe used in tank mixtures.

(Pacific northwest) - Bull's eye rot, Botrytis rot - Apply 3 3/4 lbs. Captan 80W per acre in 20 to 400 gallons of water using ground equipment. Make 1 or 2 applications with late cover sprays and 1 final spray prior to harvest. Do not apply more than 40 lbs. of Captan 80W per acre per crop cycle. May be applied up to day of harvest.

Secondary scab - in mid-summer cover sprays, the dosage may be reduced to 2 1/2 pounds per acre.

APRICOTS:

Brown rot (twig blight), jacket rot - Apply 1 7/8 to 3 1/8 lbs. Captan 80W per acre in 20 to 250 gallons of water using ground equipment. Apply in red bud, bloom, 75% petal fall, and cover sprays. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rate in tank mixtures. Do not apply more than 15 5/8 lbs. per acre per crop cycle. Do not make applications after 75% petal fall.

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BLACKBERRIES, DEWBERRIES and RASPBERRIES

Anthracnose, Botrytis, and Spur Blight – apply 2 ½ pounds of Captan 80W per acre when blossoms are in bud (young canes are 8-10" long). Make a second application two weeks later. Apply a fall spray after old canes are removed. Fruit Rot- Apply 4 pounds of Captan 80W per acre at early bloom (5 to 10% bloom) and again at full bloom. Additional applications can be made at 10-14 day intervals as needed. Do not apply within 3 days of harvest. Apply Captan 80W as indicated above in 45-100 gallons of water per acre. Use the higher volume as foliage increases. Do not apply more than 12 ½ pounds of Captan 80W per acre per season.

BLUEBERRIES (Eastern U.S.):

Botrytis gray mold or berry rot, mummy berry - Apply 3 1/8 lbs. Captan 80W per acre in sufficient water for thorough coverage. Start spray program when buds swell and earliest buds have loose scales. Repeat at 7 day intervals through blossom period. Repeat at 7 to 10 day intervals from late bloom. Do not apply more than 43 3/4 lbs. per acre per crop cycle. May be applied up to day of harvest.

BLUEBERRIES (Western U.S.):

Botrytis gray mold or berry rot, mummy berry - Apply 1 1/4 to 3 1/8 lbs. Captan 80W per acre in 20 to 200 gallons of water by ground. Begin at mid-bloom, repeat at 7 to 10 day intervals until maturity. Do not apply more than 43 3/4 lbs. per acre per crop cycle. May be applied up to day of harvest.

CHERRIES (Eastern U.S.):

Brown rot, leaf spot, Botrytis rot - Apply 2 1/2 lbs. Captan 80W per acre in 20 to 200 gallons of water using ground equipment. Apply in pre-bloom, bloom, petal fall, shuck, cover, and pre-harvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight. Repeat applications at 7 to 20 day intervals as needed to maintain control up to start of harvest. If powdery mildew is a problem add 6 lbs. sulfur per acre to the petal fall, shuck and early cover sprays. If sulfur is added, Captan 80W may be reduced to 1 1/4 lbs. per acre in these sprays. Do not apply more than 17 1/2 lbs. per acre per crop cycle. May be applied up to day of harvest.

Post harvest sprays: leaf spot - Apply 2 1/2 lbs. Captan 80W per acre in 20 to 200 gallons of water using ground equipment. Apply immediately after harvest and repeat application in 10 to 14 days.

CHERRIES (Western U.S.):

Brown rot blossom blight, brown rot (fruit), leaf spot - Apply 1 7/8 to 2 1/2 lbs. Captan 80W per acre in 20 to 200 gallons of water using ground equipment. Apply in pre-bloom, bloom, petal fall, shuck, cover and preharvest sprays. Do not apply more than 17 1/2 lbs. per acre per crop cycle. May be applied up to day of harvest.

GRAPES (U.S., except CA):

Phomopsis cane and leaf spot, downy mildew, suppression of black rot - Apply 1 1/4 to 2 1/2 lbs. Captan 80W per acre in 20 to 200 gallons water using ground equipment when shoots are 1/2 to 1 1/2 inches long, when shoots are 3 - 5 inches long, and when shoots are 9 - 12 inches long.

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Repeat just before bloom, immediately after bloom, and continue at 10-14 day intervals as long as disease conditions persist. Use the lower rate when spraying less susceptible grape varieties or when conditions are less favorable for disease development. Use the higher rate on susceptible grape varieties and during periods of weather highly favorable for disease development. Do not apply more than 15 lbs. of Captan 80W per acre per crop cycle. May be applied up to day of harvest.

GRAPES (California):

Bunch rot (Botrytis) - Apply 2 1/2 lbs. Captan 80W per acre in 20 to 200 gallons of water using ground equipment. Make 2 applications before bloom and 1 immediately after bloom. Repeat periodically making 3 cover applications before the bunches close.

Phomopsis cane and leaf spot (current season infection) - Apply 2 to 2 1/2 lbs. Captan 80W per acre in 20 to 200 gallons of water using ground equipment. Apply first spray when green tissue begins to show but before shoots are 1 inch long and repeat application when shoots are 6 to 8 inches long. Do not apply more than 15 lbs. of Captan 80W per acre per crop cycle. May be applied up to day of harvest.

NECTARINES (U.S.):

Brown rot, scab - Apply 2 1/2 to 5 lbs. Captan 80W per acre in 20 to 250 gallons of water using ground equipment. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rate may be used in tank mixes. Apply in full pink, bloom, petal fall, shuck, cover and preharvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight. Repeat application at 7 to 14 day intervals as needed to maintain control. Continue applications throughout harvest if conditions favor brown rot. If powdery mildew is a problem, add 7.5 lbs. sulfur per acre to the petal fall, shuck and early cover spray. If sulfur is added, Captan 80W may be reduced to 1 3/5 lbs. per acre in these sprays.

Coryneum blight (peach blight, shothole) - Apply 2 1/2 to 5 lbs. Captan 80W per acre in 20 to 250 gallons of water using ground equipment. Apply in pink bud, full bloom, petal fall and cover sprays as necessary and as a post harvest spray (but before leaves drop).

Do not apply more than 30 lbs. per acre per crop cycle (including postharvest). Preharvest sprays may be applied up to day of harvest.

PEACHES (U.S.):

Brown rot, scab - Apply 2 1/2 to 5 lbs. Captan 80W per acre in 20 to 400 gallons of water using ground equipment. To reduce the potential for disease resistance development to other fungicides having a similar spectrum, use the lower rate may be used in tank mixtures. Apply in full pink, bloom, petal fall, shuck stages and in cover and preharvest sprays. When conditions are favorable, make applications at 3 to 4 day intervals during bloom to control blossom blight. Then repeat application at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot. If powdery mildew is a problem, add 12 lbs. sulfur per acre to the petal fall, shuck and early cover spray. If sulfur is added, Captan 80W may be reduced to 2 1/2 lbs. per acre in these sprays.

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Coryneum blight (peach blight, shothole) - Apply 5 lbs. Captan 80W per acre in 20 to 400 gallons of water using ground equipment. Apply in pink bud, full bloom, petal fall stages and cover sprays as necessary and as a post harvest spray (but before leaves drop).

Do not apply more than 40 lbs. per acre per crop cycle (including postharvest sprays). Pre-harvest sprays may be applied up to day of harvest.

PLUMS, FRESH PRUNES (Eastern U.S.):

Brown rot - Apply 3 3/4 lbs. Captan 80W per acre in 20 to 300 gallons of water using ground equipment. Apply in full pink, bloom and petal fall sprays. Repeat applications at 7 to 14 day intervals as needed to maintain control. Continue applications through harvest if conditions favor brown rot. The addition of a neutral spreader has improved coverage. Do not apply more than 33 3/4 lbs. per acre per crop cycle. May be applied up to day of harvest.

PLUMS, FRESH PRUNES (Western U.S.):

Brown rot - Apply 2 1/2 to 3 3/4 lbs. Captan 80W per acre in 20 to 300 gallons of water using ground equipment. Use lower rates when tankmixes with fungicides of similar spectrum of activity are used. Apply at green bud, popcorn, bloom and petal fall stages. Repeat in cover sprays as conditions warrant.

Prune russet scab (lacy scab) - Apply 2 1/2 to 3 3/4 pounds Captan 80W per acre in 20 to 300 gallons of water using ground equipment. Apply at full bloom. Do not apply more than 33 3/4 lbs. per acre per crop cycle. May be applied up to day of harvest.

STRAWBERRIES (U.S.):

Botrytis (gray mold), leaf spot - Apply by broadcast spray at 1 7/8 to 3 3/4 pounds Captan 80W per acre in sufficient water for thorough coverage. Begin applications when new growth starts in the spring and before fruit starts to form. Repeat at 7 to 14 day intervals. Under conditions favorable to fruit rot continue applications through harvest period treating immediately after each picking. Do not apply more than 30 lbs. per year. May be applied up to day of harvest.

NOTE: Restricted-entry interval for all uses listed above is 24 hours. After expiration of the 24 hour period, no personal protective equipment is required. Exception: the restricted-entry interval for grapes, raspberries, blackberries, dewberries and blueberries is 72 hours.

If applying as a directed/banded spray; use band rate of Captan 80W according to the following formula:

$$\frac{\text{Plant Bed Width (inches)}}{\text{Row Spacing (inches)}} \times \text{Broadcast rate per acre} = \text{Banded rate of Captan 80W per acre.}$$

SPECIAL USES

PEACH PREPLANT ROOT DIP (California):

Preventative preplant dip treatment for crown gall. Use 2 1/2 pounds Captan 80W plus 3.2 pints diluted sodium hypochlorite (5.25% household bleach) per 100 gallons water. Wash nursery trees to remove soil from roots. Cut off all dormant buds and suckers in crown area and prune root system if necessary. Submerge the entire dormant tree for 5 minutes. Recharge dip during

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operation at a rate of 3.2 pints diluted sodium hypochlorite per 100 gallons of water.

POSTHARVEST FRUIT APPLICATION:

For use in mechanical fruit dip operations only. Hand dipping of fruit is prohibited.

For control of various molds and storage rots (*Botrytis*, *Gleosporium*, *Rhizopus*). Use as a postharvest dip on the following fruits: Apples, Cherries, Pears use 1 3/5 pounds of Captan 80W per 100 gallons of water. Apply in a dip tank. Recharge wash solution periodically when tank volume is reduced by 25%. Bring water back to volume and add 1 3/5 pounds Captan 80W for each 100 gallons added. At end of every 8 hour shift, empty tank, flush and charge with fresh dilution. Do not allow dip tank solution to stand overnight. Maintain continuous agitation during dipping operation.

Do not allow workers or others to contact the treated fruit until the surface is dry.

DISPOSAL OF LEFTOVER POSTHARVEST TREATMENT MIXTURE:

Leftover dip or spray mixtures containing Captan 80W may be used as a foliar spray for the same crop in case of apples and cherries (but not pears) as treated by the dip or spray mixture, or to registered turf and ornaments sites. Observe all restrictions such as maximum pounds applied per application and season.

When calculating application rates, if analytical services are not available to determine the exact quantity of Captan 80W remaining in the mixture, assume that the tank still contains 1 3/5 pounds of Captan 80WP per 100 gallons of water. If the dip or spray mixture contains other pesticides in addition to Captan 80W, refer to the product label(s) for information regarding disposal.

Captan 80W wastes are acutely hazardous to the eyes. Improper disposal of spray or dip tank mixtures is a violation of Federal Law. If the leftover dip or spray mixture cannot be disposed of in the manner prescribed above, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance concerning the disposal of spent or excess dip tank mixtures.

ORNAMENTALS

The Restricted Entry Interval for these uses is 96 hours, except 48 hours for soil treatments, root dips, and grass.

USE PRECAUTIONS

Do not apply spray to ornamental plants listed below beyond the point of drip from the leaf surface. When applying as a drench, apply only sufficient mixture to wet the surface of the soil except when the dose is specified in terms of volume of mixture per square foot of area.

AZALEAS

Damping off of cuttings - Mix 2 1/3 pounds Captan 80W per 100 gallons of water. Dip cuttings before bedding.

Petal Blight - Use 1 1/4 pounds Captan 80W per 100 gallons of water. Apply the soil around the

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plants and spray flowers just before bloom. Repeat at 7 to 14 day intervals through bloom.

BEGONIAS (Tuberous)

Damping-off, tuber rot - Use 2 1/2 pounds Captan 80W per 100 gallons of water. Dip tubers for 30 minutes, drain and plant.

CAMELLIAS

Petal Blight - Use 5/8 pound Captan 80W per 100 gallons of water. Apply to drench soil around plants beginning when flowers start to open. Repeat at 7 to 10 day intervals through bloom.

CARNATIONS

Alternaria Leafspot, Rust - Use 1 1/4 pounds Captan 80W per 100 gallons of water. Begin application at first sign of disease. Repeat at 7 to 10 day intervals. Shorten intervals during frequent rains and heavy dews.

Damping-off of cuttings - Use 2 1/3 pounds Captan 80W per 100 gallons of water. Dip cuttings before bedding.

CHRYSANTHEMUM

Botrytis Flower Blight, Septoria Leafspot - Use 1 1/2 pounds Captan 80W per 100 gallons of water. Apply at first sign of disease. Repeat at 7 to 10 day intervals.

Damping-off of cuttings - Use 2 1/3 pounds Captan 80W per 100 gallons of water. Dip cuttings before bedding.

DICHONDRA (California only)

White Mold (*Sclerotium rolfsii*) - Use 1 1/4 pounds Captan 80W per 100 gallons of water. Apply 1 gallon of spray per 10 square feet. Make 2 to 3 applications at 7 day intervals.

GLADIOLUS (Corms)

Corm Rot and Decay, Damping-off - Use 3 3/4 oz Captan 80W per 10 gallons of water, dip corms for 20 to 30 minutes (1 pound Captan 80WP in 42 3/4 gallons water). Drain and plant.

GRASSES (Ornamentals in Non-Pastured Areas Only)

Leafspot, Damping-off, Brown Patch, Melting Out, Seedling Blights, Brown Spot on St.

Augustine Grass - Use 1 1/4 pounds Captan 80W per 100 gallons of water. Apply 10 gallons spray per 1000 square feet. Begin when growth starts in spring. Repeat at 7 to 14 day intervals throughout season. Do not graze treated areas or feed clippings to livestock.

GRASSES (Lawn Seedbeds)

Damping-off and other soil borne diseases - Use 1/5 to 1/4 pound of Captan 80W per 1,000 square feet or 1 1/4 pounds Captan 80W per 100 gallons of water, using 15 gallons spray for per 1000 square feet. Cultivate into upper 3 to 4 inches of soil before planting.

ROSES

Black Spot, Botrytis Blossom Blight - Use 1 1/4 pounds Captan 80W per 100 gallons of water. Begin at first growth or first sign of disease. Repeat at 7 to 14 day intervals, and more frequently during frequent rains and heavy dews.

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SOIL AND GREENHOUSE BENCH TREATMENT

Preplant treatment for damping-off, root rot diseases on seedling or transplants of roses (and other shrubs, trees, flowers) & lawn seedbeds - Use 1 1/4 pounds Captan 80W per 100 gallons of water at a rate of 15 gallons spray per 1,000 square feet. Cultivate into upper 3 to 4 inches of soil before planting. The REI for soil and greenhouse bench treatments is 48 hours. Once the treatment, and immediately following seeding and transplanting activities are complete, the surface of the soil cannot be disturbed for 48 hours.

CONDITIONS OF SALE

1. Arysta LifeScience North America Corporation ("Arysta") warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label only when used in accordance with the directions under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Arysta. **ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. TO THE EXTENT PERMITTED BY LAW, SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM OR IN CONNECTION WITH THE MANUFACTURE, SALE, DELIVERY, USE, HANDLING OR STORAGE OF THIS PRODUCT. TO THE EXTENT PERMITTED BY LAW, SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. Critical and unforeseeable factors beyond the control of Arysta prevent Arysta from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the use stated on the label and even though label directions are followed. Except as stated in 1 above, to the extent permitted by law, by purchasing, accepting and using this product, the buyer and user acknowledge and assume all risks and liabilities resulting from handling, storage, and use of this product.